

Title (en)
FLOW SENSOR SYSTEM INCLUDING TRANSMISSIVE CONNECTION

Title (de)
DURCHFLUSSSENSORSYSTEM INKLUSIVE TRANSMISSIVE VERBINDUNG

Title (fr)
SYSTÈME DE CAPTEUR DE DÉBIT COMPRENANT UNE CONNEXION TRANSMISSIVE

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Application
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- US 2016048689 W 20160825

Abstract (en)
A flow sensor sub-assembly includes a flow tube having a lumen, an outside diameter, a first end, and a second end. An inlet fitting includes a conical orifice sized for insertion in either end of the flow tube, such that an internal passage of the inlet fitting is coaxial and concentric with the lumen and the end of the flow tube abuts a shoulder. An outlet fitting includes a conical orifice sized for insertion in either end of the flow tube, such that an internal passage of the inlet fitting is coaxial and concentric with the lumen and the end of the flow tube abuts a shoulder. A first piezo element integrated with the inlet fitting is arranged at an upstream position of the flow tube assembly and a second piezo element integrated with the outlet fitting is arranged at a downstream position of the flow tube assembly.

IPC 8 full level
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CPC (source: CN EP US)
A61M 5/16804 (2013.01 - CN US); **A61M 5/16854** (2013.01 - CN EP); **A61M 5/172** (2013.01 - US); **A61M 39/10** (2013.01 - CN US); **A61M 39/12** (2013.01 - CN EP); **G01F 1/56** (2013.01 - US); **G01F 1/667** (2013.01 - CN EP US); **G01F 15/14** (2013.01 - US); **G01F 15/18** (2013.01 - EP US); **A61M 2039/0009** (2013.01 - CN EP US); **A61M 2205/18** (2013.01 - CN); **A61M 2205/3334** (2013.01 - CN EP US); **A61M 2205/3375** (2013.01 - CN EP US); **A61M 2205/3569** (2013.01 - CN EP US); **A61M 2205/6009** (2013.01 - CN EP US); **A61M 2205/6072** (2013.01 - CN EP US)

Citation (search report)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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US 201615247204 A 20160825; AU 2016316749 A 20160825; AU 2019201054 A 20190214; AU 2020233720 A 20200917; AU 2021221890 A 20210826; CA 2995008 A 20160825; CA 3061255 A 20160825; CA 3143468 A 20160825; CN 201680050020 A 20160825; CN 202110841374 A 20160825; CN 202310385411 A 20160825; EP 16764015 A 20160825; EP 19217956 A 20160825; EP 22190374 A 20160825; ES 16764015 T 20160825; ES 19217956 T 20160825; JP 2018512214 A 20160825; US 2016048689 W 20160825; US 201815967996 A 20180501; US 201916378888 A 20190409; US 201916668190 A 20191030; US 202217586990 A 20220128; US 202318229993 A 20230803